

Claims

- [c1] 1. A method of integrating data streams across a supply chain and a demand chain, said method comprising:
- defining a trigger event;
 - storing business rules regarding reconciliation spans and exceptions in a database;
 - performing transformations on said data streams and trigger event data;
 - performing a supply side reconciliation of said data streams and said trigger event data based on said business rules; and
 - performing a demand side reconciliation of said data streams and said trigger event data based on said business rules.
- [c2] 2. The method in claim 1, wherein said supply side reconciliation process comprises reconciling said trigger event data with said data streams.
- [c3] 3. The method in claim 1, wherein said trigger event data comprises notification of goods being sent from a point in said supply chain, and wherein said supply side reconciliation determines whether a data stream associated with said goods is consistent with said notification.

- [c4] 4. The method in claim 1, wherein said demand side reconciliation process comprises determining whether said data streams are complete and whether said data streams were sent to said demand chain.
- [c5] 5. The method in claim 1, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are one of:
selectively delayed a predetermined period after said trigger event; and
selectively advanced a predetermined period before said trigger event.
- [c6] 6. The method in claim 1, wherein said data streams relate to a component of a device being manufactured in said supply chain, and wherein said data streams are supplied one of after said component is completed and during the manufacturing of said component.
- [c7] 7. The method in claim 1, wherein supply side reconciliation and said demand side reconciliation include a process of correcting said data streams.
- [c8] 8. A method of transferring test data from a supply chain to a demand chain, said method comprising:
performing a supply side reconciliation of said test data and a demand side reconciliation of said test

data upon the occurrence of a trigger event in said supply chain to produce reconciled data; processing said reconciled data through a rules database to produce entitled test data; and verifying that said entitled test data is supplied to selective points in said demand chain.

- [c9] 9. The method in claim 8, wherein said supply side reconciliation process comprises reconciling data from said trigger event with said test data.
- [c10] 10. The method in claim 8, wherein said trigger event comprises notification of goods being sent from a point in said supply chain, and wherein said supply side reconciliation determines whether test data associated with said goods is consistent with said notification.
- [c11] 11. The method in claim 8, wherein said demand side reconciliation process comprises determining whether said test data is complete.
- [c12] 12. The method in claim 8, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are selectively delayed a predetermined period after said trigger event.
- [c13] 13. The method in claim 8, wherein said entitled test data relates to component test data of a component of a

device being manufactured in said supply chain, and wherein said process of supplying said entitled test data supplies said component test data one of after said component is completed and during the manufacturing of said component.

[c14] 14. The method in claim 8, wherein supply side reconciliation and said demand side reconciliation include a process of correcting said test data.

[c15] 15. A system for transferring test data from a supply chain to a demand chain, said system comprising:

- a trigger event monitor;
- a supply side reconciler in communication with said trigger event monitor, and being adapted to perform a supply side reconciliation of said test data upon the occurrence of a trigger event;
- a demand side reconciler in communication with said trigger event monitor, and being adapted to perform a demand side reconciliation of said test data upon the occurrence of a trigger event; and
- a rules database in communication with said supply side reconciler and said demand side reconciler, and being adapted to produce entitled test data based on said supply side reconciliation and said demand side reconciliation and to verify that the said entitled test data is supplied to selective points in said demand

chain.

- [c16] 16. The system in claim 15, wherein said supply side reconciliation process performed by said supply side reconciler comprises reconciling data from said trigger event with said test data.
- [c17] 17. The system in claim 15, wherein said trigger event comprises notification of goods being sent from a point in said supply chain, and wherein said supply side reconciliation performed by said supply side reconciler determines whether test data associated with said goods is consistent with said notification.
- [c18] 18. The system in claim 15, wherein said demand side reconciliation process performed by said demand side reconciler comprises determining whether said test data is complete.
- [c19] 19. The system in claim 15, wherein said processes of performing said supply side reconciliation and said demand side reconciliation are selectively delayed a predetermined period after said trigger event by said supply side reconciler and said demand side reconciler.
- [c20] 20. The system in claim 15, wherein said entitled test data relates to component test data of a component of a device being manufactured in said supply chain, and

wherein said database is adapted to supply said component test data during the processing of said component and before said device is completed.